



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TC 2503 MAIL ROOM  
-3 2003  
15-CT-4697  
PATENT

Applicant: Robert F. Senzig, et al. :  
Serial No.: 09/451,965 :  
Filed: November 30, 1999 :  
For: IMAGING SYSTEM FOR :  
GENERATING HIGH QUALITY :  
IMAGES :

Art Unit: 2882  
Examiner: Allen C. Ho

**AMENDMENT AFTER FINAL**

Box: AF  
Hon. Commissioner for Patents  
Washington, D.C. 20231

In response to the Office Action dated August 27, 2002 and made final, Applicants respectfully request entry and consideration of the following amendment.

IN THE CLAIMS

1. (twice amended) A method of generating an image of an object using a multimode imaging system configured to operate in a plurality of modes of operation including at least three modes, the multimode imaging system including a source assembly, a detector assembly, and a means for positioning the source assembly and the detector assembly, the source assembly coupled to the means for positioning and including an x-ray source configured to emit x-ray signals, the detector assembly coupled to the means for positioning and including a detector, said method comprising the steps of:

selecting a first mode of operation;

positioning the source assembly and the detector assembly in a first position using the positioning means for the first mode of operation, wherein the source assembly and the detector assembly are coupled to the positioning means;

selecting a second mode of operation;

positioning the source assembly and the detector assembly for the second mode of operation in a second position different from the first position using the positioning means,

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01 FC:1251 110.00 CH  
02 FC:1201 84.00 CH  
03 FC:1202 18.00 CH